

# 安徽蓼属一新种——舒城蓼

周忠泽

(安徽大学生命科学学院 合肥 230039)

## *P. shuchengense* Z. Z. Zhou, a new species of *Polygonum* from Anhui, China

ZHOU Zhong-Ze

(School of Life Science, Anhui University, Hefei 230039)

**Key words** *Polygonum*; *P. shuchengense* Z. Z. Zhou; Anhui, China

**关键词** 蓼属; 舒城蓼; 中国安徽

### 舒城蓼 新种 图 1

*Polygonum shuchengense* Z. Z. Zhou, sp. nov. Fig. 1

Species affinis *P. pubescenti* Blume, sed foliorum laminis praeter nervos sparse adpressequ puberulos subglabris, subtus dense fusco-glanduloso-punctatis, ocreis brevissime ciliolatis, spicis densifloris, floribus viridi-albidis, staminibus 6, stylis 2 differt.

Herba annua. Caulis erectus, 25~80 cm altus, ramosus, viridulus, superne sparse brevique puberulus, nodis manifeste strumosis. Folia breve petiolata, petiolis 3~5 mm longis sparse vel adpressequ puberulis, vel subsessilia; laminae ellipticae vel ovato-lanceolatae, 3~8 cm longae, 1~2 cm latae, apice acuminatae, basi late cuneatae, supra atro-virides, costa utrinque elevata, ad costas et nervos laterales utrinque saepe sparse adpressequ puberulae, ceterum subglabrae, margine ciliatae, subtus dense fusco-glanduloso-punctatae. Ocreae 1~1.6 cm longae, sparse adpressequ puberulae, apice truncatae, brevissime ciliolatae. Spicae graciles, basi interruptae, 4~11 cm longae, terminales et axillares. Bractae anguste tubulato-infundibulares, 2.0~2.5 mm longae, viridulae, margine submembranaceae ciliolatae, 4-florae, longiores vel paulo breviores quam pedicelli. Flores viridi-albidi, 2 mm longi; perianthium 4-partitum, persistens, glanduloso-punctatum; stamina 6 inclusa; styli 2, infra medium connati, dimidio longiores vel paulo breviores quam stamina; stigmata capitata, inclusa. Achenia ovoidea, biconvexa, non nitida, 2 mm longa, perianthio persistente inclusa. Fl. et Fr. Aug. - Oct.

**China.** Anhui (安徽): Shucheng (舒城), alt. 40 m, 1995-09-09, Z. Z. Zhou(周忠泽) (holotype, PE, here designated; isotypes, ANU)

一年生草本。茎直立,高 25~80 cm,常多分枝,绿色,茎节上部疏生短伏毛,节明显膨大。叶具短柄,柄长 3~5 mm,或几无柄;叶片椭圆形或卵状披针形,长 3~8 cm,宽 1~2 cm,先端渐尖,基部宽楔形,下延至柄,上面浓绿色,中脉于两面凸起,两面的叶脉被短伏

毛,边缘具缘毛,叶片下面密被暗棕色腺点;托叶鞘薄膜质,筒状,长1~1.6 cm,疏生短伏毛,顶端截形,缘毛细短,为筒长的1/7。花序细弱,下部间断,长4~11 cm,单一顶生或腋生;苞片狭管状漏斗形,顶端稍斜截形,长2.0~2.5 mm,绿色,缘近膜质,无伏毛,无腺点,有细缘毛,每苞内具4朵花;花梗不伸出或稍伸出苞片外;花绿白色,长2 mm,花被4深

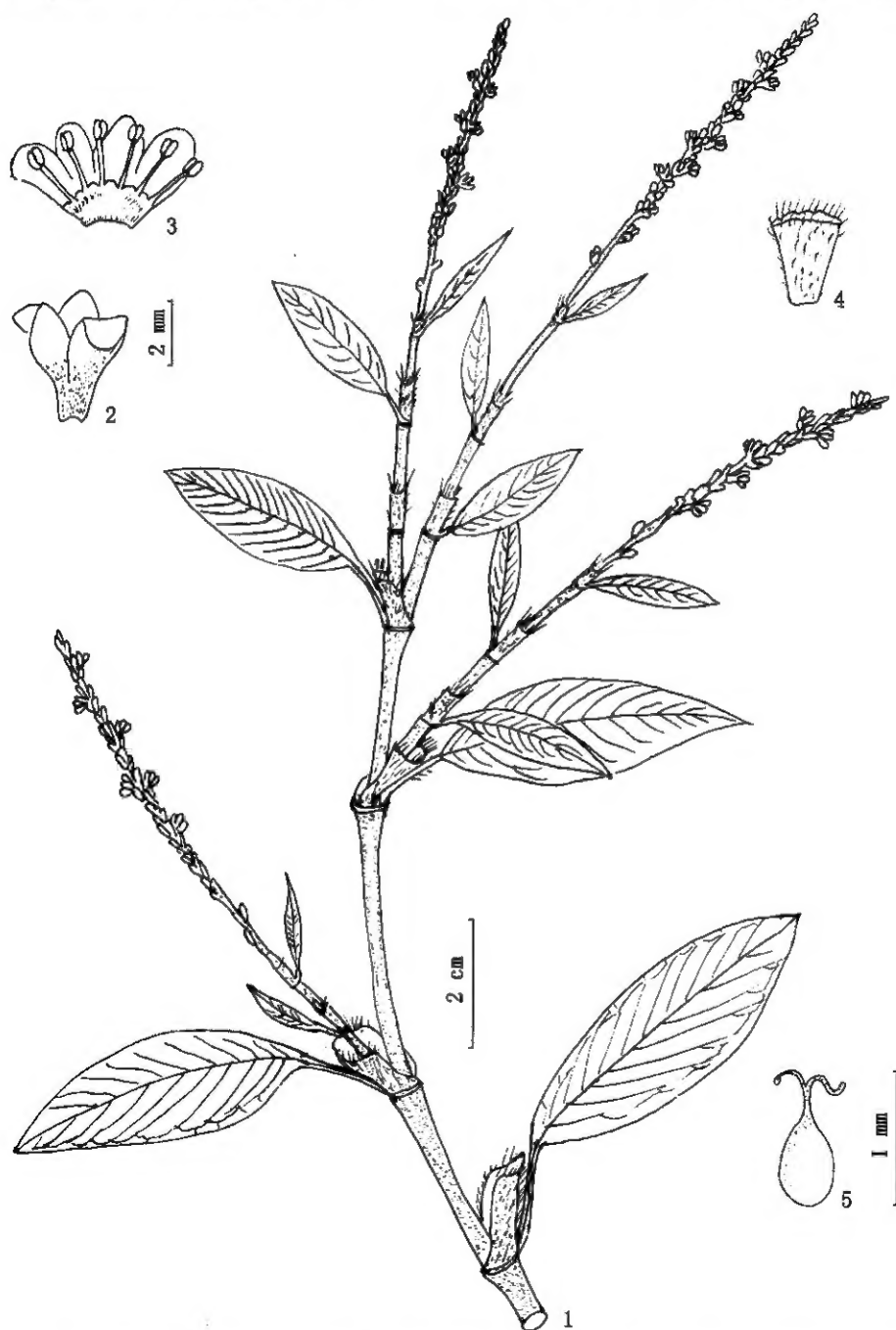


图1 舒城蓼 1. 植株; 2. 花被外观; 3. 花被(展开)与雄蕊; 4. 苞片; 5. 果实。(沈显生、周守标 绘)

Fig.1 *P. shuchengense* Z. Z. Zhou 1. Plant; 2. Perianthium; 3. Perianthium (opened) and stamens; 4. Bracts; 5. Fruit.

裂,有明显的粗腺点;雄蕊 6,稍短于花被;花柱 2,中部以下合生,长于雄蕊的一半或稍短于雄蕊,柱头头状。瘦果卵形,两面突起,长 2 mm,黑褐色,无光泽,全包于宿存花被内。花果期 8~10 月。

本种接近无辣蓼 *P. pubescens* Blume,但叶近无毛或仅叶脉上具伏毛;仅叶背面被褐色小点;托叶鞘顶端具细短缘毛;穗状的总状花序着花密集;花绿白色,花梗不伸出或稍伸出苞片外;雄蕊 6,花柱 2,与无辣蓼易于区别。无辣蓼叶两面被密褐色小点,密被短伏毛;托叶鞘顶端具粗长缘毛,稍短于筒部或为筒长之半;穗状的总状花序,着花稀疏,花簇间断;宿存花被果时鲜红色,花梗远伸出苞片外;雄蕊 8,花柱 3。该种花粉较小,平均为 44.2  $\mu\text{m}$ ,幅度为 37.4~58.2  $\mu\text{m}$ ,但径向线网眼数目较多,为 8~9 个;无辣蓼花粉较大,平均为 53.8  $\mu\text{m}$ ,幅度为 55.0~62.5  $\mu\text{m}$ ,但径向线网眼数目较少,为 6~7 个。

致谢 本文承蒙中国科学院植物研究所李安仁先生、安徽大学生命科学学院蒙仁宪先生审阅和指导,中国科学技术大学生命科学学院沈显生、安徽师范大学生命科学学院周守标先生绘图,特此致谢。

(责任编辑 徐黎)